

3652



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 7594.10

Application of

Dusty Lutz et al.

Serial No. 10/038,377

Filed: October 19, 2001

FOR: METHOD OF MONITORING ITEM SHUFFLING IN A POST-SCAN AREA
OF A SELF-SERVICE CHECKOUT TERMINAL

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GROUP 3600

INFORMATION
DISCLOSURE STATEMENT
37 CFR §1.97(b)

Group Art Unit: 3652

Examiner: Unknown

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on JUL 23 2002 (Date of Deposit).

Patricia Carthey
Patricia Carthey

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 CFR 1.56 and 1.97-1.98 with regard to the above-identified application, please find enclosed copies of the references listed on the enclosed form entitled "Information Disclosure Statement By Applicant". These references are generally related to self-checkout systems; and they include patents specifically related to self-checkout systems and cited in the prosecution of various NCR applications relating to self-checkout systems.

The following additional references not listed on the Information Disclosure Statement were cited during prosecution of the above-mentioned NCR applications relating to self-checkout systems but do not appear to be specifically related to self-checkout systems:

Patent No.	Issue date	Title
3,263,774	08/02/66	CONTROL APPARATUS
3,436,968	04/08/69	PROCESSING CONTROL SYSTEM
3,681,570	08/01/72	METHOD AND APPARATUS FOR IDENTIFYING ARTICLES
3,681,571	08/01/72	SYSTEM FOR IDENTIFYING ARTICLES
3,696,586	10/10/72	BAGGING AND CHECKOUT COUNTER SYSTEM
3,735,350	05/22/73	CODE SCANNING SYSTEM
3,819,012	06/25/74	MERCHANDISE HANDLING AND IDENTIFYING SYSTEM
3,869,575	03/04/75	SPEECH-SYNTHESIS SYSTEM
3,947,817	03/01/76	HAND OPERATED OPTICAL CHARACTER RECOGNITION WAND

Patent No.	Issue date	Title
3,949,194	04/06/76	CHECK-OUT TERMINAL
3,962,569	06/08/76	VALUE COMPUTING SCALE
3,962,570	06/08/76	SCALE WITH MANUAL TARE ENTRY
3,984,667	10/05/76	MOTION DETECTING SCALE
3,986,012	10/12/76	DIGITAL WEIGHT MEASURING AND COMPUTING APPARATUS WITH AUTOMATIC ZERO CORRECTION
4,004,139	01/18/77	DIGITAL SCALE WITH MEANS TO SHIFT DISPLAYED WEIGHT TO SHOW FRACTION OF LEAST NORMALLY DISPLAYED GRADUATION
4,028,537	06/07/77	PRODUCT PROCESSING SYSTEM WITH PRICE PRINTER
4,069,970	01/24/78	DATA ACCESS CIRCUIT FOR A MEMORY ARRAY
4,114,721	09/19/78	METHOD AND SYSTEM FOR ACOUSTIC NOISE LOGGING
4,138,000	02/06/79	CHECKOUT COUNTER
4,177,880	12/11/79	COMBINATION SUPERMARKET COUNTER AND CART THEREFOR
4,180,204	12/25/79	AUTOMATIC INVENTORYING SYSTEM
4,236,604	12/02/80	START/STOP CONTROL OF CONVEYING MEANS
4,237,483	12/02/80	SURVEILLANCE SYSTEM
4,327,819	05/04/82	OBJECT DETECTION SYSTEM FOR A SHOPPING CART
4,347,903	08/07/82	ELECTRONIC READING BALANCE
4,353,564	10/12/82	SUPERMARKET COUNTER CONSTRUCTION AND METHOD OF USING SAME
4,369,334	01/18/83	AUDIBLE ANNOUNCEMENT IN AN ELECTRONIC CASH REGISTER
4,369,361	01/18/83	PORTABLE, STAND-ALONE, DESK-TOP LASER SCANNING WORKSTATION FOR INTELLIGENT DATA ACQUISITION TERMINAL AND METHOD OF SCANNING
4,377,741	03/22/83	APPARATUS FOR PRODUCING UPDATED INFORMATION ON A TANGIBLE MEDIUM
4,392,535	07/12/83	ZERO-POINT ADJUSTING METHOD FOR AUTOMATIC WEIGHING APPARATUS
4,412,298	10/25/83	METHOD FOR TRACKING CREEP AND DRIFT IN A DIGITAL SCALE UNDER FULL LOAD
4,500,880	02/19/85	REAL TIME, COMPUTER-DRIVEN RETAIL PRICING DISPLAY SYSTEM
4,509,129	04/02/85	ELECTRONIC CALCULATING MACHINE WITH FACILITIES OF ANNOUNCING DATA INTRODUCED
4,529,871	07/16/85	PRICE MARKING SYSTEM
4,549,867	10/29/85	ELECTRONIC LEARNING AID WITH RANDOM NUMBER MODES
4,574,317	03/04/86	HAND SCANNABLE PORTABLE COPIER AND METHOD

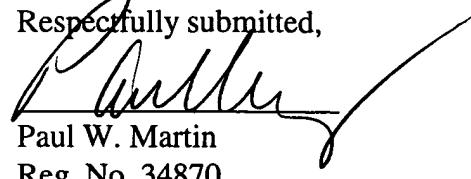
Patent No.	Issue date	Title
4,602,152	07/22/86	BAR CODE INFORMATION SOURCE AND METHOD FOR DECODING SAME
4,605,080	08/12/86	SPEECH RECOGNITION CONTROL SYSTEM AND METHOD
4,660,160	04/21/87	ELECTRONIC WEIGHING DEVICE HAVING LABEL PRINTER WITH DATA STABILITY CHECK
4,661,908	04/28/87	SALES DATA PROCESSING SYSTEM
4,688,105	08/18/87	VIDEO RECORDING SYSTEM
4,709,770	12/01/87	DEVICE FOR CORRECTING DYNAMIC WEIGHT SIGNAL FROM CONVEYER WEIGHER
4,723,118	02/02/88	MAGNETIC DETECTION SYSTEM FOR ITEMS ON THE LOWER TRAY OF A SHOPPING CART
4,725,822	02/16/88	SHOPPING CART WITH LOWER TRAY SIGNALLING DEVICE
4,734,713	03/29/88	THERMAL PRINTER
4,736,098	04/05/88	SIGNALLING METHOD AND APPARATUS FOR A CONVENTIONAL SHOPPING CART
4,766,296	08/23/88	ARTICLE CHECKOUT COUNTER AND SYSTEM
4,766,299	08/23/88	HAND-MOUNTED BAR CODE READER
4,800,493	01/24/89	ELECTRONIC CASH REGISTER
4,838,383	06/13/89	APPARATUS FOR CHECKING OUT PURCHASES
4,866,661	09/12/89	COMPUTER CONTROLLED RENTAL AND SALE SYSTEM AND METHOD FOR A SUPERMARKET AND THE LIKE
4,881,606	11/21/89	POINT-OF-SALE APPARATUS
4,914,280	04/03/90	OPTICAL WAND INTERFACE TO FIXED SCANNER
4,959,530	09/25/90	ARTICLE PRICE INDICATOR
4,964,167	10/16/90	APPARATUS FOR GENERATING SYNTHESIZED VOICE FROM TEXT
4,971,177	11/20/90	DATA GATHERING SYSTEM HOUSING/MOUNTING
4,975,948	12/04/90	RAPID DIALING METHOD FOR TELECOMMUNICATIONS
5,053,636	10/01/91	OVERRIDE CIRCUIT FOR MEDICAL TABLE
5,058,691	10/22/91	INFRARED DETECTOR FOR ENSURING CORRECT WEIGHING
5,079,412	01/07/92	POINT OF SALE DATA PROCESSING APPARATUS FOR HANDY TYPE BAR CODE READER WHICH CAN BE FLUSH MOUNTED
5,121,103	06/09/92	LOAD ISOLATED ARTICLE SURVEILLANCE SYSTEM AND ANTENNA ASSEMBLY
5,139,100	08/18/92	POINT-OF-SALE SCANNER/SCALE SYSTEM WITH SCALE ACTIVATION OF SCANNER
5,140,145	08/18/92	BAR CODE READER TEST AND TAMPERING INDICATION SYSTEM
5,142,161	08/25/92	HAND-HELD OPTICAL SCANNER AND HIGHLIGHTER

Patent No.	Issue date	Title
5,149,211	09/22/92	PRINTERS AND ANCILLARY SYSTEMS
5,174,399	12/29/92	POINT-OF-SALE SCANNER/SCALE SYSTEM WITH SCALE ACTIVATION OF SCANNER
5,177,345	01/05/93	MERCHANDISE SCANNER FOR RETAIL STORES
5,177,800	01/05/93	BAR CODE ACTIVATED SPEECH SYNTHESIZER TEACHING DEVICE
5,178,234	01/12/93	CHECKOUT APPARATUS
5,189,291	02/23/93	BAR CODE READER OPERABLE AS REMOTE SCANNER OR WITH FIXED TERMINAL
5,195,613	03/23/93	COMMODITY DATA READER
5,230,391	07/27/93	WEIGHER-CONVEYOR SYSTEM
5,231,293	07/27/93	BAR CODE READING INSTRUMENT WHICH PROMPTS OPERATOR TO SCAN BAR CODES PROPERLY
5,239,167	08/24/93	CHECKOUT SYSTEM
5,256,864	10/26/93	SCANNING SYSTEM FOR PREFERENTIALLY ALIGNING A PACKAGE IN AN OPTIMAL SCANNING PLANE FOR DECODING A BAR CODE LABEL
5,265,075	11/23/93	VOICE PROCESSING SYSTEM WITH EDITABLE VOICE FILES
5,293,319	03/08/94	POSTAGE METER SYSTEM
5,314,631	05/24/94	STATIONARY BAR CODE READER WHICH CAN BE DETECTED AND SEPARATED INTO A HAND-HELD BAR CODE READER
5,334,826	08/02/94	METHOD AND APPARATUS FOR EXTENDING AND CONFIRMING THE SERVICE LIFE OF SEMICONDUCTOR LASER OF BAR CODE READER BY DETECTING CURRENT INCREASE CORRESPONDING TO TEMPERATURE OF SEMICONDUCTOR LASER
5,335,171	08/02/94	ELECTRONIC REGISTER
5,365,050	11/15/94	PORTABLE DATA COLLECTION TERMINAL WITH VOICE PROMPT AND RECORDING
5,374,815	12/20/94	TECHNIQUE FOR LOCATING ELECTRONIC LABELS IN AN ELECTRONIC PRICE DISPLAY SYSTEM
5,382,779	01/17/95	SHELF PRICE LABEL VERIFICATION APPARATUS AND METHOD
5,393,965	02/28/95	FLEXIBLE MERCHANDISE CHECKOUT AND INVENTORY MANAGEMENT SYSTEM
5,406,063	04/11/95	HAND-HELD DATA SCANNER HAVING ADJUSTABLE KEYBOARD PANEL
5,410,108	04/25/95	COMBINED SCANNER AND SCALE
5,412,191	04/02/95	SERVICE DESK FOR THE REGISTRATION, BOOKING AND/OR PAYMENT OF GOODS, VOUCHERS AND THE LIKE
5,424,521	06/13/95	ARTICLE CHECKOUT SYSTEM WITH PRICE PARAMETER OVERRIDE CAPACITY

Patent No.	Issue date	Title
5,448,226	09/05/95	SHELF TALKER MANAGEMENT SYSTEM
5,454,063	09/26/95	VOICE INPUT SYSTEM FOR DATA RETRIEVAL
5,461,561	10/24/95	SYSTEM FOR RECOGNIZING DISPLAY DEVICES
5,478,989	12/26/95	NUTRITIONAL INFORMATION SYSTEM FOR SHOPPERS
5,482,139	01/09/96	AUTOMATED DRIVE-UP VENDING FACILITY
5,488,202	01/30/96	WEIGHING DEVICE FOR THE REGISTRATION OF GOODS IN STORES
5,493,107	02/20/96	SHELF PRICE LABEL AND PRODUCT PLACEMENT VERIFICATION METHOD AND APPARATUS
5,493,613	02/20/96	COMBINATION PIN PAD AND TERMINAL
5,500,890	03/19/96	POINT-OF-SALE SYSTEM USING MULTI-THREADED TRANSACTIONS AND INTERLEAVED FILE TRANSFER
5,525,786	06/11/96	MULTIDIRECTIONAL SCAN, PLATFORM PURCHASE CHECKOUT SYSTEM
5,546,475	08/13/96	PRODUCE RECOGNITION SYSTEM
5,577,165	11/19/96	SPEECH DIALOGUE SYSTEM FOR FACILITATING IMPROVED HUMAN-COMPUTER INTERACTION
5,579,000	11/26/96	AUDIO/VIDEO PRICE CONFIRMATION SYSTEM
5,594,469	01/14/97	HAND GESTURE MACHINE CONTROL SYSTEM
5,644,630	07/01/97	INTERCOM SYSTEM FOR A SERVICE ESTABLISHMENT
5,708,782	01/13/98	METHOD AND APPARATUS FOR DISPENSING DISCOUNT COUPONS
5,721,536	02/24/98	AUDIO/VIDEO PRICE CONFIRMATION SYSTEM
5,740,744	04/21/98	THROUGH-WALL TYPE AUTOMATIC CUSTOMER SERVICE APPARATUS
5,756,978	05/26/98	MODULAR OPTICAL MEMORY CARD IMAGE DISPLAY POINT OF SALE TERMINAL
5,756,984	05/26/98	HANDY SCANNER
5,769,269	06/23/98	VENDING SYSTEM
5,780,825	07/14/98	AUTOMATIC TELLER MACHINE INCLUDING A HALT REQUESTING MECHANISM IN A DURSS PERIOD
5,784,446	07/21/98	METHOD AND APPARATUS FOR INSTALLING TELEPHONE INTERCOM-VOICE MESSAGING APPARATUS AT DOORBELL FOR DWELLING
5,801,371	09/01/98	OPTICAL READER WITH INDEPENDENT TRIGGERING AND GRAPHICAL USER INTERFACE
5,801,766	09/01/98	SECURITY SYSTEM FOR USE AT A ROULETTE TABLE
5,832,417	11/03/98	APPARATUS AND METHOD FOR AN AUTOMATIC SELF-CALIBRATING SCALE

Patent No.	Issue date	Title
5,832,457	11/03/98	METHOD AND APPARATUS FOR SELECTIVE DISTRIBUTION OF DISCOUNT COUPONS BASED ON PRIOR CUSTOMER BEHAVIOR
5,837,991	11/17/98	CARD TRANSPORT MECHANISM AND METHOD OF OPERATION
5,845,259	12/01/98	ELECTRONIC COUPON DISPENSING SYSTEM
5,884,281	03/16/99	ELECTRONIC GROCERY LISTER
5,890,135	03/30/99	SYSTEM AND METHOD FOR DISPLAYING PRODUCT INFORMATION IN A RETAIL SYSTEM
5,914,473	06/22/99	METHOD OF SCANNING BAR CODES OF BULKY ITEMS
5,925,872	07/20/99	SCANNING SYSTEM FOR EITHER HAND-HELD OR STATIONARY OPERATION FOR READING 1-D OR 2-D BARCODES
5,950,173	09/07/99	SYSTEM AND METHOD FOR DELIVERING CONSUMER PRODUCT RELATED INFORMATION TO CONSUMERS WITHIN RETAIL ENVIRONMENTS USING INTERNET-BASED INFORMATION SERVERS AND SALES AGENTS
5,970,470	10/19/99	SYSTEM AND METHOD FOR ESTABLISHING AND MANAGING SUBSCRIPTION PURCHASE AGREEMENTS INCLUDING COMMITMENTS TO PURCHASE GOODS OVER TIME AT AGREED UPON PRICES
5,979,757	11/09/99	METHOD AND SYSTEM FOR PRESENTING ITEM INFORMATION USING A PORTABLE DATA TERMINAL
5,984,177	11/16/99	MULTIPLE CONFIGURATION AUTOMATIC TELLER MACHINE
5,993,047	11/30/99	APPARATUS AND METHOD FOR REQUESTING AND DISPENSING NEGOTIABLE INSTRUMENTS
5,997,170	12/07/99	SYSTEM AND METHOD FOR REPORTING VENDING STATUS
6,000,522	12/14/99	MULTI-COMPARTMENT AND ACCEPTORS COMPUTERIZED VENDING MACHINE
6,002,808	12/14/99	HAND GESTURE CONTROL SYSTEM
6,047,889	04/11/00	FIXED COMMERCIAL AND INDUSTRIAL SCANNING SYSTEM
6,055,573	04/25/00	COMMUNICATING WITH A COMPUTER BASED ON AN UPDATED PURCHASE BEHAVIOR CLASSIFICATION OF A PARTICULAR CONSUMER
6,056,194	05/02/00	SYSTEM AND METHOD FOR NETWORKING AND CONTROLLING VENDING MACHINES
D 296,788	07/19/88	COMBINED PORTABLE DATA SCANNER AND PRINTER
RE 35,758	03/31/98	VOICE/DATA-FORMATTED TELEPHONE INFORMATION STORAGE AND RETRIEVAL SYSTEM

Respectfully submitted,


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